

34. (New) The method of claim 31, wherein the method is performed using cell lysates.

35. (New) The method of claim 31, wherein the method is performed using nuclear extracts.

36. (New) The method of claim 23, wherein inducing  $\Delta$ FosB comprises exposing the cell to an agent selected from the group consisting of cocaine, amphetamine, nicotine, opiate, antidepressant, and antipsychotic agent.

37. (New) The method of claim 23, wherein the cell is an *in vivo* cell.

38. (New) The method of claim 37, wherein the cell is in an animal;

39. (New) The method of claim 38, wherein the animal is a transgenic animal.

B1  
C10  
40. (New) The method of claim 23, wherein the method is performed in a high throughput format.

41. (New) The method of claim 23, wherein the method is performed using a DNA chip.

42. (New) The method of claim 23, wherein step (b) comprises isolating RNA from the cell.

43. (New) The method of claim 42, wherein step (b) comprises obtaining an RNA expression pattern.

44. (New) The method of claim 43, wherein the RNA expression pattern is obtained using a DNA chip, Northern analysis, RT PCR, RNase protection, or subtractive hybridization